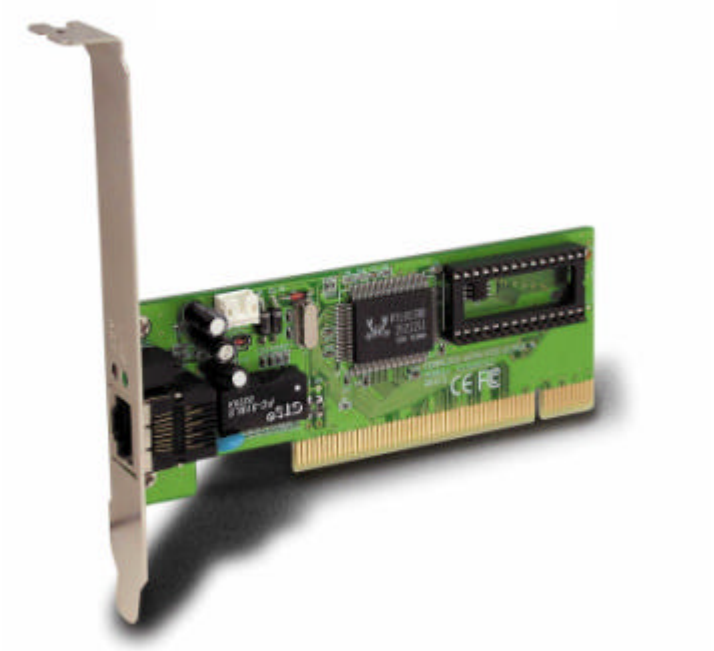
10/100Mbps Ethernet Network Adapter

TOPCOM

LAN Card 115



The 10/100Mbps Ethernet Network Adapter is a dual-speed adapter with a single auto-negotiation 10/100Mbps RJ-45 connector. Full-duplex operation is supported. When the card is running with the full-duplex mode, the speed can be boosted to 20Mbps/200Mbps.

Features

- Realtek - RTL 8139D chipset
- Compliant with PCI Revision 2.2
- Single-chip Fast Ethernet controller provides 32-bit PCI bus master operation.
- Supports PCI target fast back-to-back transaction.
- Supports PCI clock from 16.75MHz to 40MHz.
- Compliant to PC99/2001 standard and support PCI VPD (Vital Product Data).
- Supports ACPI, PCI power management. (Optional).
- Supports Wake-on-LAN and remote wake-up (Magic Packet, LinkChg and Microsoft wake-up frame). (Optional)
- Advanced power saving mode when LAN function or wake up function is not used.
- Contains two large (2Kbyte) independent receive and transmit FIFO's.
- Programmable auto-negotiates between 100Mbps, 10Mbps full duplex and half duplex.
- Supports Full Duplex Flow Control (IEEE 802.3x)
- Diagnostic LED.
- Plug-and-Play for Window95,98,NT2000,XP.
- Support 802.1p/q tagging for Window2000,Me,98.

The possibilities described in this brochure are under reserve of changes and services offered by your network operator or other service providers

Supported Network Drivers

- NetWare(Client/Server drivers);DOS, OS/2, LANtastic;Win95,98,NT3.1,3.5x,4.0,2000,Me,XP,WFW 3;Packet driver; UnixWare 7.0; Linux driver; SCO Unix driver; Macintosh Mac OS 8.x/9.x (optional); BeOS driver(optional); FreeBSD (optional); QNX driver(optional); VxWork driver(optional).

1. Standards Compliance
   - IEEE 802.3 10BASE-T
   - IEEE 802.3u 100BASE-TX
2. Bus Type
   - PCI2.1&2.2
3. Host Data Bus Architecture
   - 32bit Bus Mastering
4. Interrupt Levels
   - Interrupt line INTA, which conforms to the PCI specification.
5. Access Method
   - CSMA/CD
6. Topology
   - Star
7. Transmit/Receive Buffer
   - 4KB.(2KB Transmit, 2KB Receive)
8. Network Media Support
   - 10BASE-T Cat.3,4,5 UPT/STP cable
   - 100BASE-TX Cat.5 UPT/STP cable
9. Power Consumption
   - +5V+/-5% at 300 mA (1.5 Watts) max
10. Operating Temperature
    - 0°C~ 50°C
11. Store Temperature
    - -10°C~70°C
12. Humidity
    - 10%~90%RH
13. Dimension (Non-bracket)
    - 120mmx40mm(LxH)
14. Weight
    - 0.058kgs with bracket
15. Certificates
    - CE & FCC-B